

**Introduction to Communications Technology**  
**Technology Education – Applied Technology Education**  
**Utah State Office of Education**  
**CIP Code 210108**

**Text Book: ?**

**COURSE DESCRIPTION:** Communications Technology will teach students to create, store, analyze, manipulate, record, and transmit information through four major areas:

1. Drafting and design.
2. Electronic communications.
3. Audio visual/multi-media communications.
4. Graphic communications.

Students will explore the impacts of communication technology on our society; and they will explore related careers.

**STANDARD & OBJECTIVES**

210108.01 STUDENTS WILL INVESTIGATE CAREER OPPORTUNITIES IN THE COMMUNICATIONS INDUSTRY, WILL EXPLORE THE IMPACT OF COMMUNICATION TECHNOLOGY ON OUR SOCIETY, WILL BE ABLE TO IDENTIFY A VARIETY OF COMMUNICATION TECHNOLOGIES, AND WILL LEARN AND USE SAFETY PRACTICES.

- 210108.0101 The students will identify occupations related to the communication industry.  
210108.0102 Student will state the differences between past and present methods of communications.  
210108.0103 Students will identify a variety of systems, methods, and materials used for building communication technology.  
210108.0104 Students will learn and use safe work habits and techniques.

210108.02 STUDENTS WILL UNDERSTAND THE DESIGN PROCESS.

- 210108.0201 Students will know the steps of the design process.  
210108.0202 Students will understand how to identify and classify a problem.  
210108.0203 Students will know the steps of researching a design problem.  
210108.0204 Students will solve a design-based problem.

210108.03 STUDENTS WILL UNDERSTAND BASIC DRAFTING CONCEPTS AND SYSTEMS.

- 210108.0301 Students will be able to identify drafting systems.

210108.0302 Students will understand and use drafting techniques. For Example:

- Lines
- Letters
- Symbols

210108.0303 Students will understand and use different types of drawings. For Example:

- Isometric
- Geometric Communications
- Orthographic
- Schematic

210108.0304 Students will sketch a part or idea.

210108.0305 Students will be able to interpret a drawing or schematic.

210108.04 STUDENTS WILL DEMONSTRATE HOW INFORMATION IS COMMUNICATED ELECTRONICALLY.

210108.0402 Students will understand, identify, and use electronically communicate information.

210108.0403 Student will understand the value and credibility issues of information.

210108.0404 Students will be able to send, receive, and confirm electronic communication.

210108.0405 Student will understand the expectable use policies of the school.

210108.05 STUDENTS WILL DEMONSTRATE HOW AUDIO VISUAL/MULTIMEDIA PRESENTATION ARE MADE AND USED.

210108.0501 Students will understand the influence of technology on audio/visual multimedia presentations.

210108.0502 Students will understand how to use multimedia programs.

210108.0503 Students will know related vocabulary.

210108.0504 Students will produce a multimedia presentation. For Example:

- Audio
- Video
- Presentations

210108.06 STUDENTS WILL IDENTIFY AND DEMONSTRATE GRAPHIC COMMUNICATION.

210108.0601 Students will understand basic vocabulary of graphics.

210108.0602 Students will identify where graphics are used in industry.

210108.0603 Students will produce a graphics product. For Example:

- Printing
- Silk-screening
- Engraving